

# PreAlgebra - Lesson 2-5 Homework Practice

## *Dividing Integers*

Find each product.

1.  $-44 \div 4$

2.  $0 \div (-5)$

3.  $-21 \div 21$

4.  $32 \div 8$

5.  $-17 \div (-17)$

6.  $-49 \div 7$

7.  $80 \div (-4)$

8.  $-64 \div (-8)$

9.  $\frac{72}{-9}$

10.  $\frac{-100}{-5}$

11.  $\frac{-90}{6}$

12.  $\frac{360}{12}$

13.  $\frac{-400}{-25}$

14.  $\frac{-525}{5}$

15.  $\frac{84}{-6}$

16.  $\frac{215}{5}$

Evaluate each expression if  $a = -2$ ,  $b = 5$ , and  $c = -4$ .

17.  $-35 \div b$

18.  $54 \div a$

19.  $-56 \div c$

20.  $205 \div b$

21.  $\frac{c}{-2}$

22.  $\frac{b}{5}$

23.  $\frac{2}{a}$

24.  $\frac{-4}{c}$

25.  $\frac{-28}{c}$

26.  $\frac{ac}{-8}$

27.  $\frac{bc}{a}$

28.  $\frac{250}{ab}$

**Find the average (mean) of each group of numbers.**

**29.** 23, 20, 27, 18

**30.** -8, 9, 4, 0, 2, -1

**31.** 17, 21, 4

**32.** -20, -15, -12, -1, 1, 12, 15, 20

**33.** -7, -3, -9, 0, 21, -2, -14

**34.** Miranda earned scores of 84, 91, 95, 78, and 92 on her math tests. Find her average (mean) score.

**35.** At noon on Friday, the temperature was  $0^{\circ}\text{F}$ . Six hours later the temperature was  $-18^{\circ}\text{F}$ . On average, what was the temperature change per hour?

**36.** The architecture firm of Stuart, Kennedy, and Maxwell, Ltd., had monthly profits of \$1200, \$755,  $-\$450$ , \$210, and  $-\$640$  over 5 months. What was the average profit for those months?